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Claims 1 - 61 (canceled)

1 62. (Currently Amended) A program storage device readable by machine, tangibly
2 embodying a program of instructions executable by the machine to perform method
3 steps for notifying a family of users ~~of~~ about a non-operating area of a wireless network,
4 said method steps comprising:

5 providing a database of non-operating areas of the wireless network;

6 one of the users entering a trip route ~~to a G.P.S.~~ in a computing system in the
7 one user's vehicle; ~~and~~

8 said vehicle querying the database to download the map for dead zones in the
9 trip route; and

10 comparing the trip route with the map for dead zones.

1 63. (Original) A program storage device readable by machine as recited in claim 62,
2 said method steps further comprising recommending a changed route having a reduced
3 area of dead zones.

1 64. (Original) A program storage device readable by machine as recited in claim 63,
2 wherein the changed route is shown on a G.P.S. screen in the vehicle.

1 65. (Currently Amended) A program storage device readable by machine as recited
2 in claim 62, said method steps further comprising querying the G.P.S. system and
3 providing a warning signal to the user indicating that the vehicle is approaching a dead
4 zone.

1 66. (Currently Amended) A program storage device readable by machine as recited
2 in claim ~~62~~ 65, wherein the warning signal includes an audible alarm.

1 67. (Currently Amended) A method for notifying a family of users of dead zones in
2 a wireless network:

3 providing a database of non-operating areas of the wireless network forming
4 dead zones;

5 one of said users entering a trip route into a ~~G.P.S.~~ system within a vehicle; ~~and~~

6 said vehicle querying the database to download a map showing any dead zones
7 in the trip route; and

8 comparing the trip route with the map for dead zones.

1 68. (Original) A method as recited in claim 67, further comprising recommending a
2 changed route having a reduced area of dead zones.

1 69. (Original) A method as recited in claim 68, wherein the changed route is shown
2 on a G.P.S. screen in the vehicle.

1 70. (Original) A method as recited in claim 67, further comprising activating a
2 warning signal to the one user when the vehicle is approaching a dead zone.

1 71. (Original) A method as recited in claim 70, wherein the warning signal includes
2 an audible signal.

1 72. (Original) A method as recited in claim 67, further comprising the one user
2 making a database query of network reception dead zones, and a network management
3 station responding and determining if the one user is in or near a dead zone, and
4 notifying the one user when the step of determining locates the user in or near a dead
5 zone.

1 73. (Original) A method as recited in claim 72, wherein the network management
2 station can inform the user of an appropriate step to take to maintain connectivity.

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Claims 74 - 80 (canceled)

1　81.　　　(New) A program storage device readable by machine, tangibly embodying a
2　program of instructions executable by the machine to perform method steps to detect
3　dead zones in a wireless network, said network having a plurality of users being
4　interconnected within the wireless network and having a plurality of base stations
5　communicating with said plurality of users in a plurality of cells corresponding to said
6　base stations and said network having means for locating users within cells, said method
7　comprising:

8　a first user of said plurality of users communicating via said wireless network,

9　the first user measuring and detecting a message error rate while communicating,

10　said first user broadcasting an error message to a base station when the error rate
11　exceeds an error threshold level,

12　said base station obtaining a location of the first user,

13　said base station incorporating the location of the first user in a database of dead zones
14　for the wireless network; and

15　said base station transmitting a warning message to others of said plurality of users near
16　the location of the first user.

1　82.　　　(New) A device as recited in claim 81, wherein each of a subset of the users
2　has a mobile unit forming a mobile user connection with the wireless network , whereby
3　said network maintains information on the location of said subset of users within said
4　set of cells.

5　83.　　　(New) A device as recited in claim 81, wherein the wireless network includes
6　a plurality of cellular phones.